Available online at www.sciencedirect.com
SCIENCE DIRECT
ELSEVIER
Nuclear Instruments and Methods in Physics Research B 231 (2005) 557–569
NIM B
Beam Interactions with Materials & Atoms
www.elsevier.com/locate/nimb

Author index

Abe, H., see Laird, J.S. 231 (2005) 476
Abo, S., H. Yamagiwa, T. Iwamatsu, S. Maegawa, Y. Arita, T. Ipposhi, A. Kinomura, F. Wakaya and M. Takai, Reliability study of bulk and SOI SRAMs using high energy nuclear probes 231 (2005) 482
Aguer, P., see Michelet-Habchi, C. 231 (2005) 142
Aguer, P., L.C. Alves, Ph. Barberet, E. Gontier, S. Incerti, C. Michelet-Habchi, Zs. Kertész, A.Z. Kiss, P. Moretto, J. Pallon, T. Pinheiro, J.E. Surlève-Bazeille, Z. Szikszai, A. Verissimo and M.D. Ynsa, Skin morphology and layer identification using different STIM geometries 231 (2005) 292
Alves, A., see van Dijk, L. 231 (2005) 130
Alves, L.C., see Aguer, P. 231 (2005) 292
Alves, L.C., see Napoleão, P. 231 (2005) 345
Ansari, K., see Bettiol, A.A. 231 (2005) 364
Ansari, K., P.G. Shao, J.A. van Kan, A.A. Bettiol and F. Watt, Proton beam fabrication of nickel stamps for nanoimprint lithography 231 (2005) 407
Arendt, T., see Morawski, M. 231 (2005) 224
Arendt, T., see Morawski, M. 231 (2005) 229
Arita, Y., see Abo, S. 231 (2005) 482
Auzelyte, V., see Shariff, A. 231 (2005) 1
Auzelyte, V., see Shariff, A. 231 (2005) 7
Auzelyte, V., see Elfman, M. 231 (2005) 14
Auzelyte, V., see Pallon, J. 231 (2005) 274
Auzelyte, V., see Wegdén, M. 231 (2005) 524
Avoscan, L., see Carrière, M. 231 (2005) 268

Bakkaus, E., B. Gouget, J.-P. Gallien, H. Khodja, F. Carrot, J.L. Morel and R. Collins, Concentration and distribution of cobalt in higher plants: The use of micro-PIXE spectroscopy 231 (2005) 350
Bamford, S., see Wegrzynek, D. 231 (2005) 176
Baradács, E., see Rajta, I. 231 (2005) 384
Baradács, E., see Szilasi, S.Z. 231 (2005) 419
Baradács, E., see Rajta, I. 231 (2005) 423
Barberet, P., see Barbotteau, Y. 231 (2005) 286
Barberet, Ph., see Incerti, S. 231 (2005) 76
Barberet, Ph., see Michelet-Habchi, C. 231 (2005) 142
Barberet, Ph., see Aguer, P. 231 (2005) 292
Barbotteau, Y., E. Gontier, P. Barberet, M. Cappadoro, B. De Wever, C. Habchi, S. Incerti, A. Mavon, P. Moretto, T. Pouthier, R.W. Smith and M.D. Ynsa, Reconstructed human epidermis: A model to study the barrier function 231 (2005) 286
Bellucci, S., see Biryukov, V.M. 231 (2005) 70
Bertazzoni, S., see Bisello, D. 231 (2005) 65
Bettiol, A.A., see van Kan, J.A. 231 (2005) 170
Bettiol, A.A., see Breese, M.B.H. 231 (2005) 357
Bettiol, A.A., T.C. Sum, F.C. Cheong, C.H. Sow, S. Venugopal Rao, J.A. van Kan, E.J. Teo, K. Ansari and F. Watt, A progress review of proton beam writing applications in microphotonics 231 (2005) 364
Bettiol, A.A., see Rajta, I. 231 (2005) 384
Bettiol, A.A., see Udalagama, C.N.B. 231 (2005) 389
Bettiol, A.A., see Sum, T.C. 231 (2005) 394

doi:10.1016/S0168-583X(05)00628-2

Bettiol, A.A., C.N.B. Udalagama, J.A. van Kan and F. Watt, Ionscan: scanning and control software for proton beam writing ... 231 (2005) 400
Bettiol, A.A., see Ansari, K. ... 231 (2005) 407
Bigelow, A.W., G.J. Ross, G. Randers-Pehrson and D.J. Brenner, The Columbia University microbeam II endstation for cell imaging and irradiation ... 231 (2005) 202
Biryukov, V.M., S. Bellucci and V. Guidi, Channeling technique to make nanoscale ion beams ... 231 (2005) 70
Bisello, D., A. Candelori, P. Giubilato, A. Kaminsky, S. Mattiazzo, M. Nigro, D. Pantano, R. Rando, M. Tessaro, J. Wyss, S. Bertazzoni and D. Di Giovenale, Ion electron emission microscopy at SIRAD ... 231 (2005) 65
Biston, M.-C., see Ortega, R. ... 231 (2005) 321
Blackwood, D., see Breese, M.B.H. ... 231 (2005) 357
Boag, A.P., D.G. McCulloch, D.N. Jamieson, S.M. Hearne, A.E. Hughes, C.G. Ryan and S.K. Toh, Combined nuclear microprobe and TEM study of corrosion pit nucleation by intermetallics in aerospace aluminium alloys ... 231 (2005) 457
Bogdanović Radović, I., Z. Medunić, M. Jakšić, Z. Siketić and N. Skukan, Ion-induced electron emission ERDA with a nuclear microprobe ... 231 (2005) 123
Bogovac, M., see Wegrzynek, D. ... 231 (2005) 176
Bogovac, M., see Jakšić, M. ... 231 (2005) 502
Bohic, S., see Ortega, R. ... 231 (2005) 321
Bourguignon, J., see Devès, G. ... 231 (2005) 117
Bozkurt, M., see van Dijk, L. ... 231 (2005) 130
Breese, M.B.H., E.J. Teo, D. Mangaiyarkarasi, F. Champeaux, A.A. Bettiol and D. Blackwood, Proton beam writing of microstructures in silicon ... 231 (2005) 357
Breese, M.B.H., see Udalagama, C.N.B. ... 231 (2005) 389
Breese, M.B.H., see Huang, L. ... 231 (2005) 452
Brenn, R., see Szymanski, R. ... 231 (2005) 49
Brenner, D.J., see Garty, G. ... 231 (2005) 60
Brenner, D.J., see Bigelow, A.W. ... 231 (2005) 202
Brenner, D.J., see Ross, G.J. ... 231 (2005) 207
Brice, D.K., see Vizkelethy, G. ... 231 (2005) 467
Browton, M., see Merchant, M.J. ... 231 (2005) 26
Bruhn, F., J. Veizer, D. Buhl and J. Meijer, Diagenetic history of the Korallenoolith (Malm) of northwestern Germany: Implications from in-situ trace element and isotopic studies ... 231 (2005) 518
Budai, L., see Rajta, I. ... 231 (2005) 384
Budka, D., J. Mesjasz-Przybyłowicz, G. Tylko and W.J. Przybyłowicz, Freeze-substitution methods for Ni localization and quantitative analysis in *Berkheya coddii* leaves by means of PIXE ... 231 (2005) 338
Bugoi, R., see Constantinescu, B. ... 231 (2005) 541
Buhl, D., see Bruhn, F. ... 231 (2005) 518
Butz, T., see Morawski, M. ... 231 (2005) 224
Butz, T., see Morawski, M. ... 231 (2005) 229
Butz, T., see Menzel, F. ... 231 (2005) 372
Butz, T., see Spemann, D. ... 231 (2005) 433
Butz, T., see Spemann, D. ... 231 (2005) 440

Candelori, A., see Bisello, D. ... 231 (2005) 65
Cansell, A., see Mistry, P. ... 231 (2005) 428
Cappadoro, M., see Barbotteau, Y. ... 231 (2005) 286
Carmona, A., see Ortega, R. ... 231 (2005) 321
Carrière, M., B. Gouget, J.-P. Gallien, L. Avoscan, R. Gobin, J.-M. Verbavatz and H. Khodja, Cellular distribution of uranium after acute exposure of renal epithelial cells: SEM, TEM and nuclear microscopy analysis ... 231 (2005) 268
Carrot, F., see Bakkaus, E. ... 231 (2005) 350
Casadesus, G., see Rajendran, R. ... 231 (2005) 326
Ceccato, D., see Constantinescu, B. ... 231 (2005) 541
Celliers, P.J., see Conradie, J.L. ... 231 (2005) 101
Champeaux, F., see Breese, M.B.H. ... 231 (2005) 357
Chatzichristidi, M., see Rajta, I. ... 231 (2005) 423

Cheong, F.C., see Bettiol, A.A. ... 231 (2005) 364
Chinea-Cano, E., see Wegrzynek, D. ... 231 (2005) 176
Clark, R.G., see Hopf, T. ... 231 (2005) 463
Clough, A.S., see Merchant, M.J. ... 231 (2005) 26
Cojocaru, V., see Constantinescu, B. ... 231 (2005) 541
Collins, R., see Bakkaus, E. ... 231 (2005) 350
Conradie, J.L., M.E.M. Eisa, P.J. Celliers, J.L.G. Delsink, D.T. Fourie, J.G. de Villiers, P.M. Maine, K.A. Springhorn and C.A. Pineda-Vargas, Recent optimization of the beam-optical characteristics of the 6 MV van de Graaff accelerator for high brightness beams at the iThemba LABS NMP facility ... 231 (2005) 101
Constantinescu, B., R. Bugoi, V. Cojocaru, D. Voiculescu, D. Grambole, F. Herrmann and D. Ceccato, Romanian ancient gold objects provenance studies using micro-beam methods: the case of "Pietroasa" hoard ... 231 (2005) 541
Cremer, T., see Dollinger, G. ... 231 (2005) 195
Cserháti, C., see Szilasi, S.Z. ... 231 (2005) 419
Csiba, L., see Szikszai, Z. ... 231 (2005) 263
Csige, I., see Rajta, I. ... 231 (2005) 384

Daruka, I., see Szilasi, S.Z. ... 231 (2005) 419
Daudin, L., see Rouchon, V. ... 231 (2005) 536
Davis, T.J., see van Dijk, L. ... 231 (2005) 130
de Goeij, J.J.M., see Roijers, R.B. ... 231 (2005) 239
de Goeij, J.J.M., see Dutta, R.K. ... 231 (2005) 245
de Goeij, J.J.M., see Dutta, R.K. ... 231 (2005) 257
de Villiers, J.G., see Conradie, J.L. ... 231 (2005) 101
De Wever, B., see Barbotteau, Y. ... 231 (2005) 286
de Winther, M.P.J., see Roijers, R.B. ... 231 (2005) 239
Delsink, J.L.G., see Conradie, J.L. ... 231 (2005) 101
Devès, G., M.-P. Isaure, P. Le Lay, J. Bourguignon and R. Ortega, Fully quantitative imaging of chemical elements in *Arabidopsis thaliana* tissues using STIM, PIXE and RBS ... 231 (2005) 117
Devès, G., C. Michelet-Habchi and R. Ortega, Paparamborde: a software dedicated to quantitative mapping of biological samples using scanning transmission ion microscopy ... 231 (2005) 136
Devès, G., see Sergeant, C. ... 231 (2005) 234
Devès, G., see Ortega, R. ... 231 (2005) 321
Di Giovenale, D., see Bisello, D. ... 231 (2005) 65
Diaconu, M., see Spemann, D. ... 231 (2005) 433
Dietzel, S., see Dollinger, G. ... 231 (2005) 195
Dobos, E., see Szilasi, S.Z. ... 231 (2005) 419
Dodd, P.E., see Vizkelethy, G. ... 231 (2005) 467
Dollinger, G., V. Hable, A. Hauptner, R. Krücken, P. Reichart, A.A. Friedl, G. Drexler, T. Cremer and S. Dietzel, Microirradiation of cells with energetic heavy ions ... 231 (2005) 195
Dörffel, A.C., see Morawski, M. ... 231 (2005) 224
Doyle, B.L., see Vizkelethy, G. ... 231 (2005) 467
Drexler, G., see Dollinger, G. ... 231 (2005) 195
Dutta, R.K., see Roijers, R.B. ... 231 (2005) 239
Dutta, R.K., R.B. Roijers, P.H.A. Mutsaers, J.J.M. de Goeij and G.J. van der Vusse, Principal component analysis of elements in atherosclerotic human coronary arteries ... 231 (2005) 245
Dutta, R.K., R.B. Roijers, P.H.A. Mutsaers, P. Pauwels, J.J.M. de Goeij and G.J. van der Vusse, Calcium/phosphorus ratios in calcium-rich deposits in atherosclerotic human coronary arteries ... 231 (2005) 257
Dzurak, A.S., see Hopf, T. ... 231 (2005) 463

Ebisu, S., see Yamamoto, H. ... 231 (2005) 300
Egeni, G., see Vittone, E. ... 231 (2005) 513
Eisa, M.E.M., see Conradie, J.L. ... 231 (2005) 101
Elfman, M., see Shariff, A. ... 231 (2005) 1
Elfman, M., see Shariff, A. ... 231 (2005) 7

Elfman, M., J. Pallon, V. Auzelyte, P. Kristiansson, K. Malmqvist, C. Nilsson, A. Shariff and M. Wegdén, The Lund Nuclear Microprobe sub-micron set-up. Part III: Sample stage, optical imaging and detector configuration in the experimental chamber 231 (2005) 14
Elfman, M., see Pallon, J. 231 (2005) 274
Elfman, M., see Wegdén, M. 231 (2005) 524
Enguita, O., see Grime, G.W. 231 (2005) 378
Esquinazi, P., see Spemann, D. 231 (2005) 433
Etschmann, B.E., see Ryan, C.G. 231 (2005) 183

Fazinić, S., see Pastuović, Ž. 231 (2005) 546
Feng, S.L., see Feng, X.Q. 231 (2005) 553
Feng, X.Q., S.L. Feng, Y. Sha and M. Jakšić, Study on the provenance and elemental distribution in the glaze of Tang Sancai by proton microprobe 231 (2005) 553
Fizzotti, F., see Vittone, E. 231 (2005) 491
Fizzotti, F., see Vittone, E. 231 (2005) 513
Folkard, M., K. Prise, G. Schettino, C. Shao, S. Gilchrist and B. Vojnovic, New insights into the cellular response to radiation using microbeams 231 (2005) 189
Fourie, D.T., see Conradie, J.L. 231 (2005) 101
Friedl, A.A., see Dollinger, G. 231 (2005) 195
Fukuda, M., see Yamamoto, H. 231 (2005) 300

Gallien, J.-P., see Carrière, M. 231 (2005) 268
Gallien, J.-P., see Bakkaus, E. 231 (2005) 350
Gallien, J.-P., see Rouchon, V. 231 (2005) 536
Garino, Y., see Vittone, E. 231 (2005) 491
Garmer, M., see Pallon, J. 231 (2005) 274
Garty, G., G. Randers-Pehrson and D.J. Brenner, Development of a secondary-electron ion-microscope for microbeam diagnostics 231 (2005) 60
Garty, G., see Ross, G.J. 231 (2005) 207
Gauja, E., see Hopf, T. 231 (2005) 463
Gauntlett, F.E., see Merchant, M.J. 231 (2005) 26
Ge, R.W., see Zhang, F. 231 (2005) 413
Gijbels, M.J.J., see Roijers, R.B. 231 (2005) 239
Gilchrist, S., see Folkard, M. 231 (2005) 189
Giubilato, P., see Bisello, D. 231 (2005) 65
Gobin, R., see Carrière, M. 231 (2005) 268
Gomez-Morilla, I., see Grime, G.W. 231 (2005) 378
Gomez-Morilla, I., see Mistry, P. 231 (2005) 428
Gontier, E., see Michelet-Habchi, C. 231 (2005) 142
Gontier, E., see Kertész, Zs. 231 (2005) 280
Gontier, E., see Barbotteau, Y. 231 (2005) 286
Gontier, E., see Aguer, P. 231 (2005) 292
Gottdang, A., see Visser, J. 231 (2005) 32
Gouget, B., see Carrière, M. 231 (2005) 268
Gouget, B., see Bakkaus, E. 231 (2005) 350
Grambole, D., see Constantinescu, B. 231 (2005) 541
Grente, K., see Michelet-Habchi, C. 231 (2005) 142
Grime, G.W., see Merchant, M.J. 231 (2005) 26
Grime, G.W., see Incerti, S. 231 (2005) 76
Grime, G.W., C.J. Sofield, I. Gomez-Morilla, R. Gwilliam, M.D. Ynsa and O. Enguita, Rapid direct micromachining of PTFE using MeV ions in an oxygen rich atmosphere 231 (2005) 378
Grime, G.W., see Mistry, P. 231 (2005) 428
Guidi, V., see Biryukov, V.M. 231 (2005) 70
Guillou, F., see Sergeant, C. 231 (2005) 234
Gwilliam, R., see Grime, G.W. 231 (2005) 378
Gwilliam, R., see Mistry, P. 231 (2005) 428

Habchi, C., see Incerti, S. ... 231 (2005) 76
Habchi, C., see Barbotteau, Y. ... 231 (2005) 286
Hable, V., see Dollinger, G. ... 231 (2005) 195
Haitsma, R.G., see Visser, J. ... 231 (2005) 32
Halliwell, B., see Ren, M.Q. ... 231 (2005) 251
Halliwell, B., see Rajendran, R. ... 231 (2005) 326
Harland, C.L., see Ryan, C.G. ... 231 (2005) 183
Hauptner, A., see Dollinger, G. ... 231 (2005) 195
Hearne, S.M., see Boag, A.P. ... 231 (2005) 457
Hearne, S.M., see Hopf, T. ... 231 (2005) 463
Herrmann, F., see Constantinescu, B. ... 231 (2005) 541
Hirao, T., see Laird, J.S. ... 231 (2005) 476
Hirao, T., see Onoda, S. ... 231 (2005) 497
Höhne, R., see Spemann, D. ... 231 (2005) 433
Homma-Takeda, S., Y. Nishimura, Y. Terada, S. Ueno, Y. Watanabe and M. Yukawa, Tin accumulation in spermatozoa of the rats exposed to tributyltin chloride by synchrotron radiation X-ray fluorescence (SR-XRF) analysis with microprobe ... 231 (2005) 333
Hopf, T., D.N. Jamieson, S.M. Hearne, C. Yang, C.I. Pakes, A.S. Dzurak, E. Gauja and R.G. Clark, Ion beam induced charge and numerical modeling study of novel detector devices for single ion implantation ... 231 (2005) 463
Huang, E., see Rajendran, R. ... 231 (2005) 326
Huang, L., M.B.H. Breese and E.J. Teo, Characterisation of 60° misfit dislocations in SiGe alloy using nuclear microscopy ... 231 (2005) 452
Huat, B.T.K., see Ren, M.Q. ... 231 (2005) 251
Hughes, A.E., see Boag, A.P. ... 231 (2005) 457
Hunyadi, J., see Kertész, Zs. ... 231 (2005) 280

Ida, Y., see Szikszai, Z. ... 231 (2005) 263
Ignat'ev, I.G., D.V. Magilin, V.I. Miroshnichenko, A.G. Ponomarev, V.E. Storizhko and B. Sulkio-Cleff, Immersion probe-forming system as a way to the compact design of nuclear microprobe ... 231 (2005) 94
Incerti, S., R.W. Smith, M. Merchant, G.W. Grime, F. Méot, L. Serani, Ph. Moretto, C. Touzeau, Ph. Barberet, C. Habchi and D.T. Nguyen, A comparison of ray-tracing software for the design of quadrupole microbeam systems ... 231 (2005) 76
Incerti, S., see Michelet-Habchi, C. ... 231 (2005) 142
Incerti, S., see Barbotteau, Y. ... 231 (2005) 286
Incerti, S., see Aguer, P. ... 231 (2005) 292
Ipposhi, T., see Abo, S. ... 231 (2005) 482
Isaure, M.-P., see Devès, G. ... 231 (2005) 117
Iwamatsu, T., see Abo, S. ... 231 (2005) 482
Iwami, Y., see Yamamoto, H. ... 231 (2005) 300

Jakšić, M., see Pelicon, P. ... 231 (2005) 53
Jakšić, M., see Bogdanović Radović, I. ... 231 (2005) 123
Jakšić, M., see Medunić, Z. ... 231 (2005) 486
Jakšić, M., Z. Medunić, M. Bogovac and N. Skukan, Radiation damage microstructures in silicon and application in position sensitive charged particle detection ... 231 (2005) 502
Jakšić, M., see Pastuović, Ž. ... 231 (2005) 546
Jakšić, M., see Feng, X.Q. ... 231 (2005) 553
Jamieson, D.N., see Szymanski, R. ... 231 (2005) 49
Jamieson, D.N., see van Dijk, L. ... 231 (2005) 130
Jamieson, D.N., see Ryan, C.G. ... 231 (2005) 162
Jamieson, D.N., see Boag, A.P. ... 231 (2005) 457
Jamieson, D.N., see Hopf, T. ... 231 (2005) 463
Jeynes, C., see Merchant, M.J. ... 231 (2005) 26
Jeynes, C., see Mistry, P. ... 231 (2005) 428
Johnston, P.N., see van Dijk, L. ... 231 (2005) 130
Juhász, I., see Kertész, Zs. ... 231 (2005) 280

Kalinka, G., see Simon, A. ... 231 (2005) 507
Kaminsky, A., see Bisello, D. ... 231 (2005) 65
Kamiya, T., see Laird, J.S. ... 231 (2005) 476
Kamiya, T., see Onoda, S. ... 231 (2005) 497
Kertész, Zs., Z. Szikszai, I. Uzonyi, A. Simon and Á.Z. Kiss, Development of a bio-PIXE setup at the Debrecen scanning proton microprobe ... 231 (2005) 106
Kertész, Zs., see Szikszai, Z. ... 231 (2005) 263
Kertész, Zs., Z. Szikszai, E. Gontier, P. Moretto, J.-E. Surlève-Bazeille, B. Kiss, I. Juhász, J. Hunyadi and Á.Z. Kiss, Nuclear microprobe study of TiO_2-penetration in the epidermis of human skin xenografts ... 231 (2005) 280
Kertész, Zs., see Aguer, P. ... 231 (2005) 292
Khodja, H., see Carrière, M. ... 231 (2005) 268
Khodja, H., see Bakkaus, E. ... 231 (2005) 350
Kinomura, A., see Abo, S. ... 231 (2005) 482
Kirkby, K.J., see Merchant, M.J. ... 231 (2005) 26
Kirkby, K.J., see Mistry, P. ... 231 (2005) 428
Kiss, A.Z., see Aguer, P. ... 231 (2005) 292
Kiss, Á.Z., see Kertész, Zs. ... 231 (2005) 106
Kiss, Á.Z., see Kertész, Zs. ... 231 (2005) 280
Kiss, Á.Z., see Rajta, I. ... 231 (2005) 384
Kiss, B., see Kertész, Zs. ... 231 (2005) 280
Kocsonya, A., see Kovács, I. ... 231 (2005) 21
Koizumi, Y., see Onoda, S. ... 231 (2005) 497
Kostka, P., see Kovács, I. ... 231 (2005) 21
Kovács, I., A. Kocsonya, P. Kostka, Z. Szőkefalvi-Nagy, K. Schrang, A. Krüger and M. Niecke, Installation and performance of the Budapest–Hamburg proton microprobe ... 231 (2005) 21
Kozai, N., H. Mitamura, T. Ohnuki, T. Sakai, T. Sato and M. Oikawa, Application of micro-PIXE to quantitative analysis of heavy elements sorbed on minerals ... 231 (2005) 530
Kristiansson, P., see Shariff, A. ... 231 (2005) 1
Kristiansson, P., see Shariff, A. ... 231 (2005) 7
Kristiansson, P., see Elfman, M. ... 231 (2005) 14
Kristiansson, P., see Pallon, J. ... 231 (2005) 274
Kristiansson, P., see Wegdén, M. ... 231 (2005) 524
Krstić, D., see Pastuović, Ž. ... 231 (2005) 546
Krücken, R., see Dollinger, G. ... 231 (2005) 195
Krüger, A., see Kovács, I. ... 231 (2005) 21

Laird, J.S., T. Hirao, S. Onoda, T. Wakasa, T. Yamakawa, H. Abe and T. Kamiya, Investigating radiation effects on high-speed optoelectronic devices by combining time-resolved laser and ion microbeam studies ... 231 (2005) 476
Laird, J.S., see Onoda, S. ... 231 (2005) 497
Le Lay, P., see Devès, G. ... 231 (2005) 117
Lebed, K., see Lebed, S. ... 231 (2005) 43
Lebed, K., see Veselov, O. ... 231 (2005) 212
Lebed, S., K. Lebed, M. Tolmachev and O. Veselov, New possibilities of commercial RF ion source improvement for nuclear microprobe ... 231 (2005) 43
Legnini, D., see Ryan, C.G. ... 231 (2005) 183
Lekki, J., see Veselov, O. ... 231 (2005) 212
Lenzner, J., see Menzel, F. ... 231 (2005) 372
Liu, K., see Sum, T.C. ... 231 (2005) 394
Lo Giudice, A., see Vittone, E. ... 231 (2005) 513
LoGiudice, A., see Vittone, E. ... 231 (2005) 491
Lorenz, M., see Spemann, D. ... 231 (2005) 440

Maegawa, S., see Abo, S. ... 231 (2005) 482
Magilin, D.V., see Ignat'ev, I.G. ... 231 (2005) 94
Magyar, M.T., see Szikszai, Z. ... 231 (2005) 263

Maine, P.M., see Conradie, J.L. ... 231 (2005) 101
Malmqvist, K., see Shariff, A. ... 231 (2005) 1
Malmqvist, K., see Shariff, A. ... 231 (2005) 7
Malmqvist, K., see Elfman, M. ... 231 (2005) 14
Malmqvist, K., see Pallon, J. ... 231 (2005) 274
Malmqvist, K.G., see Wegdén, M. ... 231 (2005) 524
Manfredotti, C., see Vittone, E. ... 231 (2005) 491
Manfredotti, C., see Vittone, E. ... 231 (2005) 513
Mangaiyarkarasi, D., see Breese, M.B.H. ... 231 (2005) 357
Markowicz, A., see Wegrzynek, D. ... 231 (2005) 176
Maser, J., see Ryan, C.G. ... 231 (2005) 183
Mattiazzo, S., see Bisello, D. ... 231 (2005) 65
Mavon, A., see Barbotteau, Y. ... 231 (2005) 286
McCulloch, D.G., see Boag, A.P. ... 231 (2005) 457
McDaniel, F.D., see Pelicon, P. ... 231 (2005) 53
Medunić, Z., see Pelicon, P. ... 231 (2005) 53
Medunić, Z., see Bogdanović Radović, I. ... 231 (2005) 123
Medunić, Z., Ž. Pastuović, M. Jakšić and N. Skukan, Studying of trap levels by the use of focused ion beams ... 231 (2005) 486
Medunić, Z., see Jakšić, M. ... 231 (2005) 502
Meijer, J., see Bruhn, F. ... 231 (2005) 518
Meinecke, C., see Morawski, M. ... 231 (2005) 229
Meinecke, Ch., see Morawski, M. ... 231 (2005) 224
Melnik, K.I., see Ponomarev, A.G. ... 231 (2005) 86
Menzel, F., D. Spemann, J. Lenzner, J. Vogt and T. Butz, Proton beam writing using the high energy ion nanoprobe LIPSION ... 231 (2005) 372
Méot, F., see Incerti, S. ... 231 (2005) 76
Merchant, M., see Incerti, S. ... 231 (2005) 76
Merchant, M., see Mistry, P. ... 231 (2005) 428
Merchant, M.J., P. Mistry, M. Browton, A.S. Clough, F.E. Gauntlett, C. Jeynes, K.J. Kirkby and G.W. Grime, Characterisation of the University of Surrey Ion Beam Centre in-air scanning microbeam ... 231 (2005) 26
Mesjasz-Przybyłowicz, J., see Budka, D. ... 231 (2005) 338
Meyer-Klaucke, W., see Natal da Luz, H. ... 231 (2005) 308
Mi, Y., see Wu, R. ... 231 (2005) 149
Michelet-Habchi, C., see Devès, G. ... 231 (2005) 136
Michelet-Habchi, C., S. Incerti, P. Aguer, Ph. Barberet, E. Gontier, K. Grente, Ph. Moretto, D.T. Nguyen, A. Pouthier, T. Pouthier, F. Rebillat and R.W. Smith, TomoRebuild: a new data reduction software package for scanning transmission ion microscopy tomography ... 231 (2005) 142
Michelet-Habchi, C., see Aguer, P. ... 231 (2005) 292
Miroshnichenko, V.I., see Mordyk, S.M. ... 231 (2005) 37
Miroshnichenko, V.I., see Ponomarev, A.G. ... 231 (2005) 86
Miroshnichenko, V.I., see Ignat'ev, I.G. ... 231 (2005) 94
Mistry, P., see Merchant, M.J. ... 231 (2005) 26
Mistry, P., I. Gomez-Morilla, G.W. Grime, R. Webb, C. Jeynes, R. Gwilliam, A. Cansell, M. Merchant and K.J. Kirkby, New developments on the Surrey microbeam applications to lithography ... 231 (2005) 428
Mitamura, H., see Kozai, N. ... 231 (2005) 530
Molnár, S., see Szikszai, Z. ... 231 (2005) 263
Molter, P., see van Kan, J.A. ... 231 (2005) 170
Moon, H.D., see Sakai, T. ... 231 (2005) 112
Morawski, M., Ch. Meinecke, T. Reinert, A.C. Dörffel, P. Riederer, T. Arendt and T. Butz, Determination of trace elements in the human substantia nigra ... 231 (2005) 224
Morawski, M., T. Reinert, C. Meinecke, T. Arendt and T. Butz, Antibody meets the microbeam – or how to find neurofibrillary tangles ... 231 (2005) 229
Mordyk, S.M., V.I. Voznyy, V.I. Miroshnichenko, V.E. Storizhko, B. Sulkio-Cleff and D.P. Shulha, Hydrogen/helium ion injector for accelerator-based microprobe facilities ... 231 (2005) 37
Morel, J.L., see Bakkaus, E. ... 231 (2005) 350
Moretto, P., see Kertész, Zs. ... 231 (2005) 280
Moretto, P., see Barbotteau, Y. ... 231 (2005) 286

Moretto, P., see Aguer, P. ... 231 (2005) 292
Moretto, Ph., see Incerti, S. ... 231 (2005) 76
Moretto, Ph., see Michelet-Habchi, C. ... 231 (2005) 142
Mous, D.J.W., see Visser, J. ... 231 (2005) 32
Mudronja, D., see Pastuović, Ž. ... 231 (2005) 546
Mutsaers, P.H.A., see Roijers, R.B. ... 231 (2005) 239
Mutsaers, P.H.A., see Dutta, R.K. ... 231 (2005) 245
Mutsaers, P.H.A., see Dutta, R.K. ... 231 (2005) 257

Naab, F., see Pelicon, P. ... 231 (2005) 53
Nagamine, T., see Sakai, T. ... 231 (2005) 112
Nakazato, K., see Sakai, T. ... 231 (2005) 112
Napoleão, P., C.S. Reis, L.C. Alves and T. Pinheiro, Morphologic characterisation and elemental distribution of *Octopus vulgaris* Cuvier, 1797 vestigial shell ... 231 (2005) 345
Natal da Luz, H., D. Spemann, W. Meyer-Klaucke and W. Tröger, Analysis of proteins by particle induced X-ray emission ... 231 (2005) 308
Nava, F., see Vittone, E. ... 231 (2005) 491
Nava, F., see Vittone, E. ... 231 (2005) 513
Nguyen, D.T., see Incerti, S. ... 231 (2005) 76
Nguyen, D.T., see Michelet-Habchi, C. ... 231 (2005) 142
Niecke, M., see Kovács, I. ... 231 (2005) 21
Nigro, M., see Bisello, D. ... 231 (2005) 65
Nilsson, C., see Shariff, A. ... 231 (2005) 1
Nilsson, C., see Shariff, A. ... 231 (2005) 7
Nilsson, C., see Elfman, M. ... 231 (2005) 14
Nilsson, C., see Pallon, J. ... 231 (2005) 274
Nilsson, C., see Wegdén, M. ... 231 (2005) 524
Nishimura, Y., see Homma-Takeda, S. ... 231 (2005) 333
Nomachi, M., see Yamamoto, H. ... 231 (2005) 300

Ohnuki, T., see Kozai, N. ... 231 (2005) 530
Oikawa, M., see Sakai, T. ... 231 (2005) 112
Oikawa, M., see Kozai, N. ... 231 (2005) 530
Okamoto, T., see Onoda, S. ... 231 (2005) 497
Olivero, P., see Vittone, E. ... 231 (2005) 491
Olivero, P., see Vittone, E. ... 231 (2005) 513
Olivo, M., see Thong, P.S.P. ... 231 (2005) 315
Ong, W.Y., see Rajendran, R. ... 231 (2005) 326
Onoda, S., see Laird, J.S. ... 231 (2005) 476
Onoda, S., T. Hirao, J.S. Laird, T. Okamoto, Y. Koizumi and T. Kamiya, Analysis of transient ion beam induced current in Si PIN photodiode ... 231 (2005) 497
Orberger, B., see Rouchon, V. ... 231 (2005) 536
Ortega, R., see Devès, G. ... 231 (2005) 117
Ortega, R., see Devès, G. ... 231 (2005) 136
Ortega, R., Chemical elements distribution in cells ... 231 (2005) 218
Ortega, R., M.-C. Biston, G. Devès, S. Bohic and A. Carmona, Nuclear microprobe determination of platinum quantitative distribution in rat brain tumors after cisplatin or carboplatin injection for PAT treatment of glioma ... 231 (2005) 321
Osipowicz, T., see van Kan, J.A. ... 231 (2005) 170
Osipowicz, T., see Udalagama, C.N.B. ... 231 (2005) 389
Osipowicz, T., see Seng, H.L. ... 231 (2005) 446
Otte, K., see Spemann, D. ... 231 (2005) 440

Pakes, C.I., see Hopf, T. ... 231 (2005) 463
Pallon, J., see Shariff, A. ... 231 (2005) 1

Pallon, J., see Shariff, A. ... 231 (2005) 7
Pallon, J., see Elfman, M. ... 231 (2005) 14
Pallon, J., M. Garmer, V. Auzelyte, M. Elfman, P. Kristiansson, K. Malmqvist, C. Nilsson, A. Shariff and M. Wegdén, Optimization of PIXE-sensitivity for detection of Ti in thin human skin sections ... 231 (2005) 274
Pallon, J., see Aguer, P. ... 231 (2005) 292
Pallon, J., see Wegdén, M. ... 231 (2005) 524
Pan, N., see Ren, M.Q. ... 231 (2005) 251
Pantano, D., see Bisello, D. ... 231 (2005) 65
Pastuović, Ž., see Medunić, Z. ... 231 (2005) 486
Pastuović, Ž., S. Fazinić, M. Jakšić, D. Krstić and D. Mudronja, The use of the RBI nuclear microprobe in conservation process studies of a church portal ... 231 (2005) 546
Pauwels, P., see Dutta, R.K. ... 231 (2005) 257
Pelicon, P., J. Simčič, M. Jakšić, Z. Medunić, F. Naab and F.D. McDaniel, Spherical chamber – effective solution for multipurpose nuclear microprobe ... 231 (2005) 53
Perry, G., see Rajendran, R. ... 231 (2005) 326
Pineda-Vargas, C.A., see Conradie, J.L. ... 231 (2005) 101
Pinheiro, T., see Aguer, P. ... 231 (2005) 292
Pinheiro, T., see Napoleão, P. ... 231 (2005) 345
Pinti, D.L., see Rouchon, V. ... 231 (2005) 536
Polak, W., see Veselov, O. ... 231 (2005) 212
Ponomarev, A.G., K.I. Melnik and V.I. Miroshnichenko, Parametric multiplets of magnetic quadrupole lenses: application prospects for probe-forming systems of nuclear microprobe ... 231 (2005) 86
Ponomarev, A.G., see Ignat'ev, I.G. ... 231 (2005) 94
Pouthier, A., see Michelet-Habchi, C. ... 231 (2005) 142
Pouthier, T., see Michelet-Habchi, C. ... 231 (2005) 142
Pouthier, T., see Barbotteau, Y. ... 231 (2005) 286
Prise, K., see Folkard, M. ... 231 (2005) 189
Przybyłowicz, W.J., see Budka, D. ... 231 (2005) 338
Pun, E.Y.B., see Sum, T.C. ... 231 (2005) 394

Raics, P., see Szilasi, S.Z. ... 231 (2005) 419
Rajendran, R., see Ren, M.Q. ... 231 (2005) 251
Rajendran, R., M. Ren, G. Casadesus, M.A. Smith, G. Perry, E. Huang, W.Y. Ong, B. Halliwell and F. Watt, Nuclear microscopy of diffuse plaques in the brains of transgenic mice ... 231 (2005) 326
Rajta, I., E. Baradács, A.A. Bettiol, I. Csige, K. Tőkési, L. Budai and Á.Z. Kiss, Optimization of particle fluence in micromachining of CR-39 ... 231 (2005) 384
Rajta, I., see Szilasi, S.Z. ... 231 (2005) 419
Rajta, I., E. Baradács, M. Chatzichristidi, E.S. Valamontes, I. Uzonyi and I. Raptis, Proton beam micromachining on strippable aqueous base developable negative resist ... 231 (2005) 423
Randers-Pehrson, G., see Garty, G. ... 231 (2005) 60
Randers-Pehrson, G., see Bigelow, A.W. ... 231 (2005) 202
Randers-Pehrson, G., see Ross, G.J. ... 231 (2005) 207
Rando, R., see Bisello, D. ... 231 (2005) 65
Raptis, I., see Rajta, I. ... 231 (2005) 423
Rebillat, F., see Michelet-Habchi, C. ... 231 (2005) 142
Reichart, P., see van Dijk, L. ... 231 (2005) 130
Reichart, P., see Dollinger, G. ... 231 (2005) 195
Reinert, T., see Morawski, M. ... 231 (2005) 224
Reinert, T., see Morawski, M. ... 231 (2005) 229
Reis, C.S., see Napoleão, P. ... 231 (2005) 345
Ren, M.Q., R. Rajendran, N. Pan, B.T.K. Huat, B. Halliwell and F. Watt, The protective role of iron chelation and zinc supplements in atherosclerosis induced in New Zealand white rabbits: A nuclear microscopy study ... 231 (2005) 251
Ren, M., see Rajendran, R. ... 231 (2005) 326
Ren, M.Q., see Thong, P.S.P. ... 231 (2005) 315
Ren, M.Q., see Sum, T.C. ... 231 (2005) 394

Riederer, P., see Morawski, M. 231 (2005) 224
Rigato, V., see Vittone, E. 231 (2005) 491
Roijers, R.B., R.K. Dutta, P.H.A. Mutsaers, M.J.J. Gijbels, M.P.J. de Winther, J.J.M. de Goeij and G.J. van der Vusse, Spatial correlation of trace elements with morphological features of atherosclerotic plaques 231 (2005) 239
Roijers, R.B., see Dutta, R.K. 231 (2005) 245
Roijers, R.B., see Dutta, R.K. 231 (2005) 257
Ross, G.J., see Bigelow, A.W. 231 (2005) 202
Ross, G.J., G. Garty, G. Randers-Pehrson and D.J. Brenner, A single-particle/single-cell microbeam based on an isotopic alpha source 231 (2005) 207
Rouchon, V., D.L. Pinti, J.-P. Gallien, B. Orberger, L. Daudin and F. Westall, NRA analyses of N and C in hydromuscovite aggregates from a 3.5 Ga chert from Kittys Gap, Pilbara, Australia 231 (2005) 536
Rout, B., see Szymanski, R. 231 (2005) 49
Ryan, C.G., E. van Achterbergh and D.N. Jamieson, Advances in *Dynamic Analysis* PIXE imaging: Correction for spatial variation of pile-up components 231 (2005) 162
Ryan, C.G., B.E. Etschmann, S. Vogt, J. Maser, C.L. Harland, E. van Achterbergh and D. Legnini, Nuclear microprobe – synchrotron synergy: Towards integrated quantitative real-time elemental imaging using PIXE and SXRF 231 (2005) 183
Ryan, C.G., see Boag, A.P. 231 (2005) 457

Sakai, T., M. Oikawa, T. Sato, T. Nagamine, H.D. Moon, K. Nakazato and K. Suzuki, New in-air micro-PIXE system for biological applications 231 (2005) 112
Sakai, T., see Yamamoto, H. 231 (2005) 300
Sakai, T., see Kozai, N. 231 (2005) 530
Sato, T., see Sakai, T. 231 (2005) 112
Sato, T., see Kozai, N. 231 (2005) 530
Saumer, M., see van Kan, J.A. 231 (2005) 170
Schettino, G., see Folkard, M. 231 (2005) 189
Schmidt, H., see Spemann, D. 231 (2005) 433
Schrang, K., see Kovács, I. 231 (2005) 21
Schwank, J.R., see Vizkelethy, G. 231 (2005) 467
Seng, H.L., T. Osipowicz, J. Zhang, E.S. Tok and F. Watt, Determination of local lattice tilt in $Si_{1-x}Ge_x$ virtual substrate using high resolution channeling contrast microscopy 231 (2005) 446
Serani, L., see Incerti, S. 231 (2005) 76
Sergeant, C., M.H. Vesvres, G. Devès and F. Guillou, Calcium, potassium, iron, copper and zinc concentrations in the white and gray matter of the cerebellum and corpus callosum in brain of four genetic mouse strains 231 (2005) 234
Setzer, A., see Spemann, D. 231 (2005) 433
Sha, Y., see Feng, X.Q. 231 (2005) 553
Shaneyfelt, M.R., see Vizkelethy, G. 231 (2005) 467
Shao, C., see Folkard, M. 231 (2005) 189
Shao, P.G., see van Kan, J.A. 231 (2005) 170
Shao, P.G., see Ansari, K. 231 (2005) 407
Shao, P.G., see Zhang, F. 231 (2005) 413
Shariff, A., V. Auzelyte, M. Elfman, P. Kristiansson, K. Malmqvist, C. Nilsson, J. Pallon and M. Wegdén, The Lund Nuclear Microprobe sub-micron set-up. Part I: Ion optics calculation 231 (2005) 1
Shariff, A., C. Nilsson, V. Auzelyte, M. Elfman, P. Kristiansson, K. Malmqvist, J. Pallon and M. Wegdén, The Lund Nuclear Microprobe sub-micron set-up. Part II: Beam line, focusing system and scanning .. 231 (2005) 7
Shariff, A., see Elfman, M. 231 (2005) 14
Shariff, A., see Pallon, J. 231 (2005) 274
Shariff, A., see Wegdén, M. 231 (2005) 524
Shen, H., see Wu, R. 231 (2005) 149
Shulha, D.P., see Mordyk, S.M. 231 (2005) 37
Siketić, Z., see Bogdanović Radović, I. 231 (2005) 123
Simčič, J., see Pelicon, P. 231 (2005) 53
Simon, A., see Kertész, Zs. 231 (2005) 106
Simon, A. and G. Kalinka, Investigation of charge collection in a silicon PIN photodiode 231 (2005) 507

Skogby, H., see Wegdén, M. 231 (2005) 524
Skukan, N., see Bogdanović Radović, I. 231 (2005) 123
Skukan, N., see Medunić, Z. 231 (2005) 486
Skukan, N., see Jakšić, M. 231 (2005) 502
Smith, M.A., see Rajendran, R. 231 (2005) 326
Smith, R.W., see Incerti, S. 231 (2005) 76
Smith, R.W., see Michelet-Habchi, C. 231 (2005) 142
Smith, R.W., see Barbotteau, Y. 231 (2005) 286
Sofield, C.J., see Grime, G.W. 231 (2005) 378
Soo, K.C., see Thong, P.S.P. 231 (2005) 315
Sow, C.H., see Bettiol, A.A. 231 (2005) 364
Spemann, D., see Natal da Luz, H. 231 (2005) 308
Spemann, D., see Menzel, F. 231 (2005) 372
Spemann, D., P. Esquinazi, R. Höhne, A. Setzer, M. Diaconu, H. Schmidt and T. Butz, Magnetic carbon: A new application for ion microbeams 231 (2005) 433
Spemann, D., K. Otte, M. Lorenz and T. Butz, Elemental depth profiling in Cu(In, Ga)Se_2 solar cells using micro-PIXE on a bevelled section 231 (2005) 440
Springhorn, K.A., see Conradie, J.L. 231 (2005) 101
Stachura, Z., see Veselov, O. 231 (2005) 212
Storizhko, V.E., see Mordyk, S.M. 231 (2005) 37
Storizhko, V.E., see Ignat'ev, I.G. 231 (2005) 94
Strivay, D., see Veselov, O. 231 (2005) 212
Styczeń, J., see Veselov, O. 231 (2005) 212
Sulkio-Cleff, B., see Mordyk, S.M. 231 (2005) 37
Sulkio-Cleff, B., see Ignat'ev, I.G. 231 (2005) 94
Sum, T.C., see Bettiol, A.A. 231 (2005) 364
Sum, T.C., A.A. Bettiol, K. Liu, M.Q. Ren, E.Y.B. Pun, S. Venugopal Rao, J.A. van Kan and F. Watt, Proton beam writing of erbium-doped waveguide amplifiers 231 (2005) 394
Sun, F., see Zhang, F. 231 (2005) 413
Sun, M.D., see Wu, R. 231 (2005) 149
Surlève-Bazeille, J.-E., see Kertész, Zs. 231 (2005) 280
Surlève-Bazeille, J.E., see Aguer, P. 231 (2005) 292
Suzuki, K., see Sakai, T. 231 (2005) 112
Szabó, Gy., see Uzonyi, I. 231 (2005) 156
Sziki, G.Á., see Szikszai, Z. 231 (2005) 263
Szikszai, Z., see Kertész, Zs. 231 (2005) 106
Szikszai, Z., Zs. Kertész, I. Uzonyi, G.Á. Sziki, M.T. Magyar, S. Molnár, Y. Ida and L. Csiba, Regional calcium distribution and ultrasound images of the vessel wall in human carotid arteries 231 (2005) 263
Szikszai, Z., see Kertész, Zs. 231 (2005) 280
Szikszai, Z., see Aguer, P. 231 (2005) 292
Szilasi, S.Z., E. Baradács, I. Daruka, P. Raics, C. Cserháti, E. Dobos and I. Rajta, PMMA melting under proton beam exposure 231 (2005) 419
Szökefalvi-Nagy, Z., see Kovács, I. 231 (2005) 21
Szymanski, R., D.N. Jamieson, B. Rout and R. Brenn, The retro-cut process: precision reshaping of magnetic quadrupole lens profiles to improve field strength 231 (2005) 49

Takai, M., see Abo, S. 231 (2005) 482
Teo, E.J., see Breese, M.B.H. 231 (2005) 357
Teo, E.J., see Bettiol, A.A. 231 (2005) 364
Teo, E.J., see Udalagama, C.N.B. 231 (2005) 389
Teo, E.J., see Huang, L. 231 (2005) 452
Terada, Y., see Homma-Takeda, S. 231 (2005) 333
Tessaro, M., see Bisello, D. 231 (2005) 65
Thong, P.S.P., F. Watt, M.Q. Ren, K.C. Soo and M. Olivo, Investigating the role of calcium and biological trace elements in hypericin photodynamic therapy induced tumor cell death using nuclear microscopy 231 (2005) 315
Toh, S.K., see Boag, A.P. 231 (2005) 457

Tok, E.S., see Seng, H.L. 231 (2005) 446
Tőkési, K., see Rajta, I. 231 (2005) 384
Tolmachev, M., see Lebed, S. 231 (2005) 43
Touzeau, C., see Incerti, S. 231 (2005) 76
Tröger, W., see Natal da Luz, H. 231 (2005) 308
Tylko, G., see Budka, D. 231 (2005) 338

Udalagama, C.N.B., A.A. Bettiol, J.A. van Kan, E.J. Teo, M.B.H. Breese, T. Osipowicz and F. Watt, An automatic beam focusing system for MeV protons 231 (2005) 389
Udalagama, C.N.B., see Bettiol, A.A. 231 (2005) 400
Ueno, S., see Homma-Takeda, S. 231 (2005) 333
Uzonyi, I., see Kertész, Zs. 231 (2005) 106
Uzonyi, I. and Gy. Szabó, PIXEKLM-TPI – a software package for quantitative elemental imaging with nuclear microprobe 231 (2005) 156
Uzonyi, I., see Szikszai, Z. 231 (2005) 263
Uzonyi, I., see Rajta, I. 231 (2005) 423

Valamontes, E.S., see Rajta, I. 231 (2005) 423
van Achterbergh, E., see Ryan, C.G. 231 (2005) 162
van Achterbergh, E., see Ryan, C.G. 231 (2005) 183
van der Vusse, G.J., see Roijers, R.B. 231 (2005) 239
van der Vusse, G.J., see Dutta, R.K. 231 (2005) 245
van der Vusse, G.J., see Dutta, R.K. 231 (2005) 257
van Dijk, L., M. Bozkurt, A. Alves, P.N. Johnston, T.J. Davis, P. Reichart and D.N. Jamieson, Macrochannelling: Characterisation of nano-structures by ion beam analysis 231 (2005) 130
van Kan, J.A., P.G. Shao, P. Molter, M. Saumer, A.A. Bettiol, T. Osipowicz and F. Watt, Fabrication of a free standing resolution standard for focusing MeV ion beams to sub 30 nm dimensions 231 (2005) 170
van Kan, J.A., see Bettiol, A.A. 231 (2005) 364
van Kan, J.A., see Udalagama, C.N.B. 231 (2005) 389
van Kan, J.A., see Sum, T.C. 231 (2005) 394
van Kan, J.A., see Bettiol, A.A. 231 (2005) 400
van Kan, J.A., see Ansari, K. 231 (2005) 407
van Kan, J.A., see Zhang, F. 231 (2005) 413
Veizer, J., see Bruhn, F. 231 (2005) 518
Venugopal Rao, S., see Bettiol, A.A. 231 (2005) 364
Venugopal Rao, S., see Sum, T.C. 231 (2005) 394
Verbavatz, J.-M., see Carrière, M. 231 (2005) 268
Veríssimo, A., see Aguer, P. 231 (2005) 292
Veselov, O., see Lebed, S. 231 (2005) 43
Veselov, O., J. Lekki, W. Polak, D. Strivay, Z. Stachura, K. Lebed and J. Styczeń, The recognition of biological cells utilizing quantitative phase microscopy system 231 (2005) 212
Vesvres, M.H., see Sergeant, C. 231 (2005) 234
Visser, J., D.J.W. Mous, A. Gottdang and R.G. Haitsma, Considerations on accelerator systems requirements and limitations for μ-probe applications 231 (2005) 32
Vittone, E., V. Rigato, P. Olivero, F. Nava, C. Manfredotti, A. LoGiudice, Y. Garino and F. Fizzotti, Temperature dependent IBIC study of 4H–SiC Schottky diodes 231 (2005) 491
Vittone, E., P. Olivero, F. Nava, C. Manfredotti, A. Lo Giudice, F. Fizzotti and G. Egeni, Lateral IBIC analysis of GaAs Schottky diodes 231 (2005) 513
Vizkelethy, G., B.L. Doyle, D.K. Brice, P.E. Dodd, M.R. Shaneyfelt and J.R. Schwank, Radiation effects microscopy for failure analysis of microelectronic devices 231 (2005) 467
Vogt, J., see Menzel, F. 231 (2005) 372
Vogt, S., see Ryan, C.G. 231 (2005) 183
Voiculescu, D., see Constantinescu, B. 231 (2005) 541
Vojnovic, B., see Folkard, M. 231 (2005) 189
Voznyy, V.I., see Mordyk, S.M. 231 (2005) 37

Wakasa, T., see Laird, J.S. 231 (2005) 476
Wakaya, F., see Abo, S. 231 (2005) 482
Watanabe, Y., see Homma-Takeda, S. 231 (2005) 333
Watt, F., see van Kan, J.A. 231 (2005) 170
Watt, F., see Ren, M.Q. 231 (2005) 251
Watt, F., see Thong, P.S.P. 231 (2005) 315
Watt, F., see Rajendran, R. 231 (2005) 326
Watt, F., see Bettiol, A.A. 231 (2005) 364
Watt, F., see Udalagama, C.N.B. 231 (2005) 389
Watt, F., see Sum, T.C. 231 (2005) 394
Watt, F., see Bettiol, A.A. 231 (2005) 400
Watt, F., see Ansari, K. 231 (2005) 407
Watt, F., see Zhang, F. 231 (2005) 413
Watt, F., see Seng, H.L. 231 (2005) 446
Webb, R., see Mistry, P. 231 (2005) 428
Wegdén, M., see Shariff, A. 231 (2005) 1
Wegdén, M., see Shariff, A. 231 (2005) 7
Wegdén, M., see Elfman, M. 231 (2005) 14
Wegdén, M., see Pallon, J. 231 (2005) 274
Wegdén, M., P. Kristiansson, H. Skogby, V. Auzelyte, M. Elfman, K.G. Malmqvist, C. Nilsson, J. Pallon and A. Shariff, Hydrogen depth profiling by p–p scattering in nominally anhydrous minerals 231 (2005) 524
Wegrzynek, D., A. Markowicz, S. Bamford, E. Chinea-Cano and M. Bogovac, Micro-beam X-ray fluorescence and absorption imaging techniques at the IAEA Laboratories 231 (2005) 176
Westall, F., see Rouchon, V. 231 (2005) 536
Wu, R., H. Shen, Y. Mi, M.D. Sun and M.J. Yang, A computer program for scanning transmission ion microscopy simulation 231 (2005) 149
Wyss, J., see Bisello, D. 231 (2005) 65

Yamagiwa, H., see Abo, S. 231 (2005) 482
Yamakawa, T., see Laird, J.S. 231 (2005) 476
Yamamoto, H., M. Nomachi, K. Yasuda, Y. Iwami, S. Ebisu, T. Sakai and M. Fukuda, Fluorine mapping in sound and carious fissures of human teeth using PIGE 231 (2005) 300
Yang, C., see Hopf, T. 231 (2005) 463
Yang, M.J., see Wu, R. 231 (2005) 149
Yasuda, K., see Yamamoto, H. 231 (2005) 300
Ynsa, M.D., see Barbotteau, Y. 231 (2005) 286
Ynsa, M.D., see Aguer, P. 231 (2005) 292
Ynsa, M.D., see Grime, G.W. 231 (2005) 378
Yukawa, M., see Homma-Takeda, S. 231 (2005) 333

Zhang, F., F. Sun, J.A. van Kan, P.G. Shao, Z. Zheng, R.W. Ge and F. Watt, Measurement of cell motility on proton beam micromachined 3D scaffolds 231 (2005) 413
Zhang, J., see Seng, H.L. 231 (2005) 446
Zheng, Z., see Zhang, F. 231 (2005) 413